

WHAT IS CLAIMED IS:

1. An image-forming apparatus comprising:
printing-job accepting means for accepting a demanded
printing job;
printing executing means for executing printing
according to the accepted printing-job demand so as to
produce an output sheet onto a discharge tray;
output-sheet detecting means for detecting the presence
of the printed output sheet on the discharge tray;
printed-sheet mixture determining means for determining
possibility that sheets printed by corresponding to a
plurality of demands are mixed among the discharged output
sheets when the output-sheet detecting means detects the
removal of discharged sheets from the discharge tray; and
printed-sheet mixture warning means for producing
warning information if the printed-sheet mixture determining
means determines the possibility that sheets printed by
corresponding to a plurality of demands are mixed among the
discharged output-sheets.
2. An apparatus according to Claim 1, wherein the
printed-sheet mixture warning means produces the warning
information with voice.

3. An apparatus according to Claim 1, wherein the printed-sheet mixture warning means produces the warning information with a screen display.

4. An apparatus according to Claim 1, further comprising printing-completion user managing means for holding a user list of the demanded printing-jobs that have been executed,

wherein if the output-sheet detecting means detects the absence of the output sheet in the discharge tray before the printing executing means executes printing, the printing-completion user managing means resets the user list, which is held thereby, and

wherein if the output-sheet detecting means detects that the output-sheet is removed from the discharge tray when the printing-completion user managing means holds at least two user lists, the printed-sheet mixture determining means determines the possibility that sheets printed corresponding to a plurality of user's demands are mixed among the removed output-sheets.

5. An apparatus according to Claim 1, further comprising printing-completion number managing means for counting the number of the demanded printing jobs that have been executed as the printing-job completion number,

wherein if the output-sheet detecting means detects the absence of the output-sheet in the discharge tray before the printing executing means executes printing, the printing-completion number managing means resets the number of the executed printing jobs held thereby to be zero, and

wherein if the output-sheet detecting means detects that the output-sheet is removed from the discharge tray and when the value of the printing-job completion number held by the printing-completion number managing means is two or more, the printed-sheet mixture determining means determines the possibility that sheets printed corresponding to a plurality of user's demands are mixed among the removed output-sheets.

6. An apparatus according to Claim 1, wherein the image forming apparatus can be connected to at least one computer for producing the demanded printing jobs via a network.

7. An apparatus according to Claim 1, further comprising a facsimile function being connectable thereto via a communication line.

8. An image-forming method by an image-forming apparatus, the image-forming apparatus comprising printing-job accepting means for accepting a demanded printing job

and printing executing means for executing printing according to the accepted printing-job demand so as to produce an output sheet onto a discharge tray, the image-forming method comprising the steps of:

detecting the presence of a printed output sheet in the discharge tray;

determining the possibility of that sheets printed by corresponding to a plurality of demands are mixed among the removed output-sheets when the removal of discharged sheets from the discharge tray is detected by the output-sheet detecting step; and

producing warning information of printed-sheet mixture, if it is determined by the printed-sheet mixture determining step that the possibility that sheets printed corresponding to a plurality of the demands are mixed among the removed output-sheets is present.

9. A method according to Claim 8, wherein the step of producing warning information of printed-sheet mixture produces the warning information with voice.

10. A method according to Claim 8, wherein the step of producing warning information of printed-sheet mixture produces the warning information with a screen display.

11. A method according to Claim 8, further comprising the step of printing-completion user managing for holding a user list issuing the demanded printing-jobs that have been executed,

wherein if the absence of the output sheet in the discharge tray is detected by the output-sheet detecting step before the printing executing means executes printing, the printing-completion user managing step resets the user list, which is held thereby, and

wherein if the output-sheet detecting step detects that the output-sheet is removed from the discharge tray and when the value of the printing-job completion number held by the printing-completion number managing step is two or more, the printed-sheet mixture determining step determines the possibility that sheets printed by corresponding to a plurality of user's demands are mixed among the removed output-sheets.

12. A method according to Claim 8, further comprising the step of printing-completion number managing for counting the number of the demanded printing jobs that have been executed as the printing-job completion number,

wherein if the absence of the output sheet in the discharge tray is detected in the output-sheet detecting step before the printing executing means executes printing,

the printing-completion number managing step resets the number of the completed printing jobs held thereby to be zero, and

wherein if the output-sheet detecting step detects that the output-sheet is removed from the discharge tray and when the value of the printing-job completion number held by the printing-completion number managing step is two or more, the printed-sheet mixture determining step determines the possibility that sheets printed corresponding to a plurality of user's demands are mixed among the removed output-sheets.

13. A program for allowing a computer, which can be connected to printing-job accepting means for accepting a demanded printing job and printing executing means for executing printing according to the accepted printing-job demand so as to produce an output sheet onto a discharge tray, the program for allowing the computer so as to execute the procedures of:

detecting the presence of a printed output sheet in the discharge tray;

determining the possibility of that sheets printed by corresponding to a plurality of demands are mixed among the removed output-sheets when the removal of discharged sheets from the discharge tray is detected by the output-sheet detecting procedure; and

producing warning information of printed-sheet mixture, if it is determined that the possibility of that sheets printed by corresponding to a plurality of the demands are mixed among the removed output-sheets is present by the printed-sheet mixture determining procedure.

14. A recording medium being readable by a computer, comprising a program according to Claim 13 stored therein.